

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

EXHIBIT “A”



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FEBRUARY 17, 1999

PTAS

LAHIVE & COCKFIELD, LLP
NICHOLAS P. TRIANO III
28 STATE STREET
BOSTON, MA 02109



**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/14/1998

REEL/FRAME: 9533/0835
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LANE, MICHAEL J.

DOC DATE: 10/07/1998

ASSIGNOR:

BENIGHT, ALBERT S.

DOC DATE: 10/13/1998

ASSIGNOR:

FALDASZ, BRIAN D.

DOC DATE: 10/07/1998

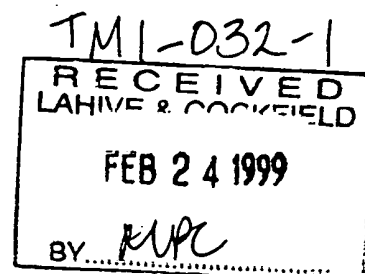
ASSIGNEE:

TM TECHNOLOGIES, INC.
82 CUMMINGS PARK
WOBURN, MASSACHUSETTS 01801

SERIAL NUMBER: 60095313

PATENT NUMBER:

FILING DATE: 08/04/1998
ISSUE DATE:



9533/0835 PAGE 2

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

10-29-1998

COVER SHEET U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings ⇨⇨⇨▽

To the Honorable Commissi

100865459

The attached original documents or copy thereof.

1. Name of conveying party(ies):

1. Michael J. Lane
2. Albert S. Benight
3. Brian D. Faldas

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other _____

Execution Date: 10/7/98 (1,3); 10/13/98 (2)

2. Name and address of receiving party(ies)

Name: Tm Technologies, Inc.

Internal Address: _____

Street Address: 82 Cummings Park

City: Woburn State: MA ZIP: 01801

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
60/095,313

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Nicholas P. Triano III

Internal Address: Lahive & Cockfield, LLP

Street Address: 28 State Street

City: Boston State: MA ZIP: 02109

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ \$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

12-0080

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Nicholas P. Triano III

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document:

4

10/28/1998 SBURNS 00000170 60095313

01 FC:581

40.00 OP

documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

We, Michael J. Lane of Baldwinsville, New York, Albert S. Benight of Schaumburg, Illinois and Brian D. Faldas of Maynard, Massachusetts, in consideration of One Dollar and other valuable consideration paid to us by

Tm Technologies, Inc.

a corporation of Delaware, having its principal place of business at 82 Cummings Park, Woburn, Massachusetts 01801, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Tm Technologies, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

METHODS AND COMPOSITIONS FOR MODULATING "MARGINALLY INDISCRIMINANT" HYBRIDIZATIONS

described in an application

_____ executed by us of even date herewith and about to be filed

X Serial No. 60/095,313, filed on August 4, 1998

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.


And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 7th day of October, 1998.

By: Michael J. Lane
Michael J. Lane

State of Massachusetts)
County of Suffolk)ss

Then personally appeared the above named Michael J. Lane and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 7th day of October, 1998.


Notary Public

WITNESS my hand and seal this 13th day of October, 1998.

By: Albert S. Benight
Albert S. Benight

State of Massachusetts)
County of Suffolk)ss

Then personally appeared the above named Albert S. Benight and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 13th day of October, 1998.

Michael P. Pianta
Notary Public

My commission expires: 7/16/04

WITNESS my hand and seal this 7th day of October, 1998.

By: Brian D. Faldas
Brian D. Faldas

State of Massachusetts)
County of Suffolk)ss

Then personally appeared the above named Brian D. Faldas and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 7th day of October, 1998.

Michael P. Pianta
Notary Public

My commission expires: 7/16/04